

## DIGITAL LITERACY AND CYBER HYGIENE

### DIGITAL LITERACY

-  Understand basic computer skills
-  Learn to use the internet efficiently
-  Know how to use digital devices
-  Practice safe online habits



### CYBER FRAUD AWARENESS

-  Be cautious of suspicious emails
-  Verify the identity of unknown callers
-  Avoid clicking unknown links
-  Use strong passwords



For any queries related to :

📞 Cyber Fraud : 1930

📞 CSC : 011-49754923 / 24

Smart Citizens | Safe Transactions | Strong Nation

स्मार्ट नागरिक | सुरक्षित लेन-देन | मजबूत राष्ट्र

سمارٹ شہری | محفوظ لین دین | مضبوط قوم

17<sup>th</sup> Sep - 02<sup>nd</sup> Oct 2025



### HOW TO REPORT CYBERCRIME IN INDIA



Visit the Official Cybercrime Portal  
<https://cybercrime.gov.in>



Register Yourself  
Enter basic details like name, phone, email



Select the Type of Cybercrime  
Financial fraud, identity theft, etc.



Fill Complaint Details  
Describe the incident, upload evidence



Submit & Note the Complaint ID  
Keep this ID to track your complaint



Track Your Complaint Status  
Check updates on the portal



1930 Call Cybercrime Helpline -1930  
For immediate assistance

## CYBER CRIME AWARENESS



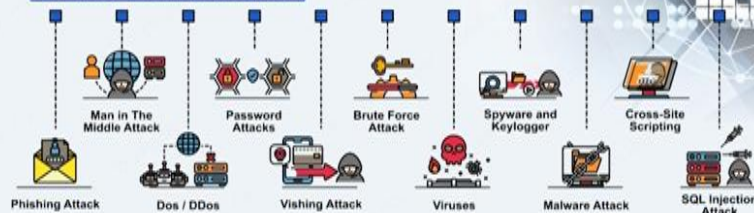
### HOW TO AVOID IT

- Use strong, unique passwords
- Enable two-factor authentication
- Be cautious of suspicious emails and links
- Keep your software up to date

# CYBER SECURITY

Cybersecurity refers to any technology, measure, or practice for preventing cyberattacks or mitigating their impact.

## CYBER SECURITY ATTACKS



'Crime in India' Report 2022 (NCRB) highlighted 24.4% surge in cybercrimes in India since 2021.

## Common Cybersecurity Myths

- Strong passwords alone are adequate protection
- Major cybersecurity risks are well-known
- All cyberattack vectors are contained
- Cybercriminals don't attack small businesses

## Cyber Warfare

- Digital attacks to disrupt vital computer systems, to inflict damage, death, and destruction.

## CYBER THREAT ACTORS

CYBER THREAT ACTOR	MOTIVATION
NATION-STATES	GEOPOLITICAL
CYBERCRIMINALS	PROFIT
HACKTIVISTS	IDEOLOGICAL
TERRORIST GROUPS	IDEOLOGICAL VIOLENCE
THRILL-SEEKERS	SATISFACTION
INSIDER THREATS	DISCONTENT

## Types of Cybersecurity

- Critical infrastructure security (Robust access controls)
- Network security (Deploying firewalls)
- Application security (Code reviews)
- Cloud Security (Tokenization)
- Information security (Data masking)

## Recent Major Cyber Attacks

- WannaCry Ransomware Attack (2017)
- Cambridge Analytica Data Breach (2018)
- Financial data of 9M+ cardholders, including SBI, leaked (2022)

## Regulations & Initiatives

- International:**
  - UN Group of Governmental Experts (GGE) on Advancing Responsible State Behaviour in Cyberspace
  - NATO's Cooperative Cyber Defense Centre of Excellence (CCDCOE)
  - Budapest Convention on Cybercrime, 2001 (India not a signatory)
- India:**
  - IT Act, 2000 (Sections 43, 66, 66B, 66C, 66D)
  - National Cyber Security Policy, 2013
  - National Cyber Security Strategy 2020
  - Cyber Surakshit Bharat Initiative
  - Indian Cyber Crime Coordination Centre (I4C)
  - Computer Emergency Response Team-India (CERT-In)

## Steps Needed for Cyber Security

- Network Security
- Malware Protection
- Incident Management
- User Education and Awareness
- Secure Configuration
- Managing User Privileges
- Information Risk Management Regime



Drishti IAS